

Converting Colors

Hex(87EB85)

Have a look what the booklet for
Hex(87EB85) contains.

Hex(87EB85)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(87EB85)

Conversions

Conversions Part 1

Format	Color
Hex	87EB85
RGB	135, 235, 133
RGB Percent	53%, 92%, 52%
CMY	0.4706, 0.0784, 0.4784
CMYK	0.43, 0.00, 0.43, 0.08
HSL	119°, 72%, 72%
HSV	119°, 43%, 92%
XYZ	43.9336, 66.2610, 32.6644
YIQ	193.4720, -26.8580, -52.9220

Conversions

Conversions Part 2

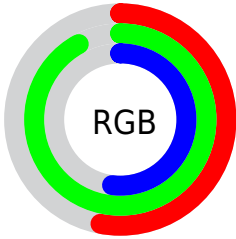
Format	Color
RYB	133, 235, 233
Decimal	8907653
CIELab	85.13, -49.31, 40.48
CIElCh	85, 63.792, 140.618
Yxy	66.2610, 0.3075, 0.4638
Android (android.graphics.Color)	4287097733 (0xFF87EB85)
YUV	193.4720, -29.8127, -51.2799
Hunter-Lab	81.4009, -46.1116, 33.1888

Details

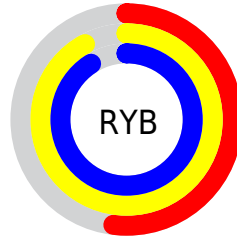
The Hex color **87EB85** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **E985EB**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **C0FFBB**, and **4EB251** is the 20% darker color. If you saturate the color by 10%, you get **70EB6E**, and if you desaturate by 10%, it is **9EEB9D**.

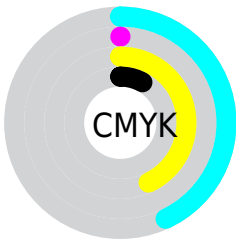
Distribution



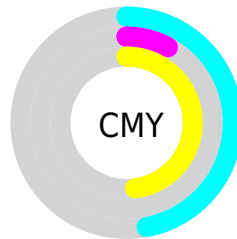
- Red (53%)
- Green (92%)
- Blue (52%)



- Red (52%)
- Yellow (92%)
- Blue (91%)



- Cyan (43%)
- Magenta (0%)
- Yellow (43%)
- Black (8%)



- Cyan (47%)
- Magenta (8%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87EB85 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 87EB85 by changing the saturation by 10% instead.

 87EB85

FFFFFF

 C0FFBB

 DEFFD8

 FCFFF4

 87EB85

 6BCE6B

 4EB251

 2E9738

 007D1F

 006301

 004A00

 003200

 001B00

 000000

 87EB85

 87EB85

 70EB6E

 9EEB9D

 59EB56

 B5EBB4

 42EB3F

 CCEBCC

 2BEB27

 E3EBE3

 14EB10

 FAEBFB

 05EB00

 FFEbff

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



CEDE5E



87EB85



00F2BF

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87EB85



00E1FF



FFA3AE

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



87EB85



E985EB

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFA3EA



87EB85



B9CCFF

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



87EB85



00EDFF



FFB4FF



FFB479

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



87EB85



00F3E9



FFB4FF



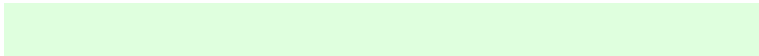
FFA1C1

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



87EB85



DFFFDE



EBE885



6C806B



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



87EB85



7DFF7A



85EBB5



6A756A



04B500



013600

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



E985EB



FC7AFF



EB85BB



756A75



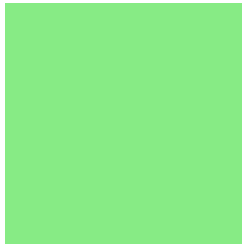
B200B5



350036

Previews

White Background



This preview shows how the Hex color 87EB85 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 87EB85 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 87EB85 Background



This preview shows how black text looks on a background with the Hex color 87EB85.

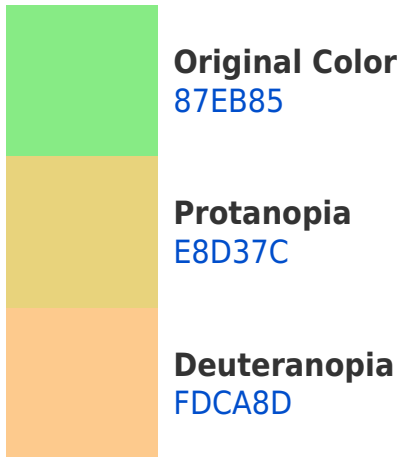


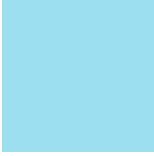
This preview shows how white text looks on a background with the Hex color 87EB85.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

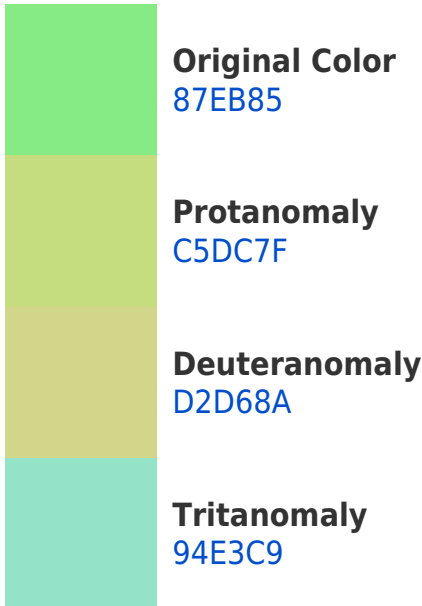
Dichromacy



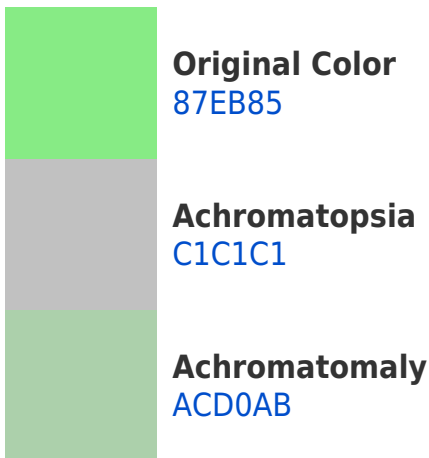


Tritanopia
9CDFF0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 87EB85 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #87EB85 looks like.

```
.text, #text, p{  
    color:#87EB85  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #87EB85 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87EB85
}
```

Border

The CSS property to change the border of an element to Hex 87EB85 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#87EB85 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#87EB85 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #87EB85 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87EB85; -webkit-box-shadow:4px 4px  
4px 4px #87EB85; box-shadow:4px 4px 4px  
4px #87EB85 }
```

Background

The CSS property to change the background color of an element to Hex 87EB85 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87EB85 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#87EB85 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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